Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Tuesday 12 Dec 2023 until 23:59 on Wednesday 13 Dec 2023

Forecast Issued on Monday 11 Dec 2023 at 16:57

Confidence: High for general story, lower for extent of showers on Tuesday.

Headline for Tuesday 12 Dec 2023: Mainly cloudy with showers. Drier afternoon.

Mountain weather hazards on Tuesday 12 Dec 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Heavy Rain	Light rain	Fog	Cloudy	Cloudy	Cloudy
Precipitation probability							
50%	90%	70%	50%	40%	40%	40%	30%

Forecast for Tuesday 12 Dec 2023

Weather: A band of heavy rain moves east overnight, clearing around dawn. A mainly cloudy day with a few showers, some heavy with a small chance of thunder in the west, but becoming mainly dry in the afternoon.

Chance of cloud-free hill tops above 800m: 30%, becoming 60% in afternoon.

Low cloud and visibility: Occasional cloud above 600m, but down to 400m in heavier showers, then lifting from all but the highest summits in the afternoon. Mainly good visibility occasionally poor in showers.

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Met Office Mountain Weather Forecast

Forecast for Tuesday 12 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	27/33 SE	33/39 SE	25/30 SE	21/26 SE	18/22 E	16/20 E	18/21 NE	28/34 NE	34/42 NE
600	31/43 SE	28/38 SE	25/33 SE	21/29 SE	13/17 E	13/18 NE	14/18 NE	22/29 NE	25/34 NE
300	10/27 SE	12/33 SE	9/24 SE	8/21 E	5/15 E	6/15 NE	7/16 NE	10/23 NE	11/28 NE
Valley	11/28 E	12/32 E	10/24 E	10/22 E	6/15 NE	9/17 NE	11/20 NE	16/30 NE	16/34 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-2	3/-4	2/-4	3/-3	2/-3	2/-2	2/-4	1/-6	0/-8
600	3/-4	3/-4	3/-4	3/-3	4/-0	4/-0	3/-1	3/-3	2/-5
300	5/1	5/2	5/2	5/2	6/4	6/4	5/2	4/1	4/0
Valley	6/3	7/3	7/4	7/4	8/6	8/5	7/4	7/3	6/2
Freezing Level*	1500m	1500m	1500m	1400m	1400m	1400m	1300m	1200m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Heavy rain clearing overnight but streams and rivers remaining high.

Forecast for Wednesday 13 Dec 2023

Weather: Cloudy start then dry with bright or sunny spells developing in the afternoon. Cloud increasing from the west during the evening.

Maximum wind: North 30 gusts 45mph at first becoming variable 5-10mph in afternoon.

Chance of cloud-free hill tops above 800m: 90%.

Low cloud and visibility: Excellent visibility through the day. Turning poor in evening as rain arrives with cloud and fog above 500m.

Temperature: **Valleys:** Plus 2C rising to 7C.
At 800m: Plus 1C falling to Minus 1C.
Freezing level: 900m falling to 600m.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 11 December. Location: Helvellyn summit at 14:05. Full report: The majority of the Lake District fells are now clear of snow. Isolated patches can be found above 700m mainly on north through east aspects but these are generally easily avoided. Colder temperatures overnight have firmed the remaining snow cover up slightly and it was icy where it had been compressed beneath walkers feet but overall the snow was soft, granular and thawing. There were small areas of ice forming on the east face of Helvellyn and thawing rime on the turf at summit height. The Helvellyn Edges can now be climbed and descended without setting foot on snow. However microspikes would still be a very useful addition to your hill walking equipment for the extra security they give if you do come across unavoidable snow or ice. Full winter clothing (waterproofs, extra warm layers, hat & gloves), and equipment including a map & compass should be carried. A head torch is also essential as we currently only have 7 hours 20 minutes of daylight with sunset at 3.46pm. Temperature: plus 0.8C. Maximum wind speed 7.2mph. Wind chill: minus 3.2C. Average wind speed: 5.9mph.

Issued at: 1657 on Mon 11 Dec 2023

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